



**CITY OF LODI
COUNCIL COMMUNICATION**

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AGENDA TITLE: Adopt a resolution authorizing the City Manager to appropriate \$25,000 in Public Benefit Program funds for the *Lodi Residential Swimming Pool Pump & Motor Rebate Program* (EUD)

MEETING DATE: April 7, 2004

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council adopt a resolution authorizing the City Manager to appropriate Public Benefits Program funds in the amount of \$25,000 for the *Lodi Residential Swimming Pool Pump & Motor Rebate Program* (Note: eligible participants must be City of Lodi Electric utility customers.)

BACKGROUND INFORMATION: The proposed *Lodi Residential Swimming Pool Pump & Motor Rebate Program* is a new effort designed to enhance energy efficiency and conservation for those Lodi residents (apartment complex owners/managers are also eligible for a rebate under this program) who have a swimming pool on their Lodi property.

The intent of this program is to encourage swimming pool owners to install high efficiency pumps or motors; there will be two (2) rebate components in this proposed program:

- 1) \$150 rebate* for qualifying single-speed energy efficient motors;
- 2) \$325 rebate for qualifying two-speed pumps and motors (*these approved two-speed pumps & motors must be of equal or lesser horsepower than the horsepower of the existing single-speed pump and motor; a control system capable of controlling both low and high speeds separately must be installed*).

The pool pump rebates are only for filtration pumps associated with in-ground swimming pools; for motor replacement, pool booster pumps, aboveground pool pumps and spa pumps are not eligible for a rebate. Customers must be current on their City of Lodi utility account in order to qualify for a rebate under this program, and the rebates are available on a first-come, first-served basis, until funds are exhausted.

**In order to qualify for the \$150 rebate on single-speed pumps and motors, customers must reduce the maximum horsepower by 25%, reduce daily pump time by a minimum of one hour, and shift daily pump time to off-peak hours (traditional 'on-peak' hours in California are noon to 6pm).*

Installing high efficiency swimming pool pumps and motors, coupled with reduced daily pump time and operating the pump outside of 'on-peak' hours, will decrease a customer's home energy consumption by a minimum of 10 percent. Electric Utility staff respectfully recommends approval of the *Lodi Residential Swimming Pool Pump & Motor Rebate Program* as qualifying component of the City of Lodi Public Benefits Program.

APPROVED:

H. Dixon Flynn, City Manager

Adopt a resolution authorizing the City Manager to appropriate \$25,000 in Public Benefit Program funds for the *Lodi Residential Swimming Pool Pump & Motor Rebate Program* (EUD)
April 7, 2004
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Note: If approved on April 7, 2004, Electric Utility staff will provide a brief overview of this proposed rebate program at the April 21, 2004 City Council meeting, under 'Presentations.'

FUNDING: 164605 – Public Benefits Program (Category: Demand-side Management)

Funding Approval:


Vicky McAthie, Finance Director


Alan N. Vallow
Electric Utility Director

PREPARED BY: Rob Lechner, Manager of Customer Service & Programs

ANV/RL/lst

cc: City Attorney

RESOLUTION NO. 2004-60

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING
THE CITY MANAGER TO APPROPRIATE PUBLIC BENEFITS
PROGRAM FUNDS FOR THE LODI RESIDENTIAL SWIMMING
POOL PUMP & MOTOR REBATE PROGRAM

WHEREAS, the State has mandated that beginning January 1, 1998, the City of Lodi is obligated to fund various programs through a Public Benefits Charge based on an historical electric revenue requirement; and

WHEREAS, the requirement amounts to approximately \$1 million per year that must be dedicated to qualifying programs such as energy efficiency. A further stipulation is that these efforts must be done on the customer's side of the meter in order to qualify; and

WHEREAS, the *Lodi Residential Swimming Pool Pump & Motor Rebate Program* is a new effort designed to enhance energy efficiency and conservation for those Lodi residents (apartment complex owners/managers are also eligible for a rebate under this program) who have a swimming pool on their Lodi property; and

WHEREAS, the intent of this program is to encourage swimming pool owners to install high-efficiency pumps or motors; there will be two (2) rebate components in this proposed program:

- 1) \$150 rebate* for qualifying single-speed energy efficient motors; and
- 2) \$325 rebate for qualifying two-speed pumps and motors (*these approved two-speed pumps and motors must be of equal or lesser horsepower than the horsepower of the existing single-speed pump and motor; a control system capable of controlling both low and high speeds separately must be installed*).

**In order to qualify for the \$150 rebate on single-speed pumps and motors, customers must reduce the maximum horsepower by 25%, reduce daily pump time by a minimum of one hour, and shift daily pump time to off-peak hours (traditional "on-peak" hours in California are noon to 6 p.m.).*

WHEREAS, the pool pump rebates are only for filtration pumps associated with in-ground swimming pools; for motor replacement, pool booster pumps, aboveground pool pumps, and spa pumps are not eligible for a rebate. Customers must be current on their City of Lodi utility account in order to qualify for a rebate under this program, and the rebates are available on a first-come, first-served basis until funds are exhausted.

WHEREAS, installing high-efficiency swimming pool pumps and motors, coupled with reduced daily pump time and operating the pump outside of "on-peak" hours, will decrease a customer's home energy consumption by a minimum of 10 percent; and

WHEREAS, Electric Utility staff respectfully recommends approval of the *Lodi Residential Swimming Pool Pump & Motor Rebate Program* as a qualifying component of the City of Lodi Public Benefits Program.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council hereby authorizes the City Manager to appropriate Public Benefits Program funds in the amount of \$25,000.00 for the Lodi Residential Swimming Pool Pump & Motor Rebate Program, specifically designed for Lodi Electric Utility customers.

Dated: April 7, 2004

I hereby certify that Resolution No. 2004-60 was passed and adopted by the Lodi City Council in a regular meeting held April 7, 2004, by the following vote:

AYES: COUNCIL MEMBERS – Beckman, Hitchcock, Howard, Land, and
Mayor Hansen

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None



SUSAN J. BLACKSTON
City Clerk